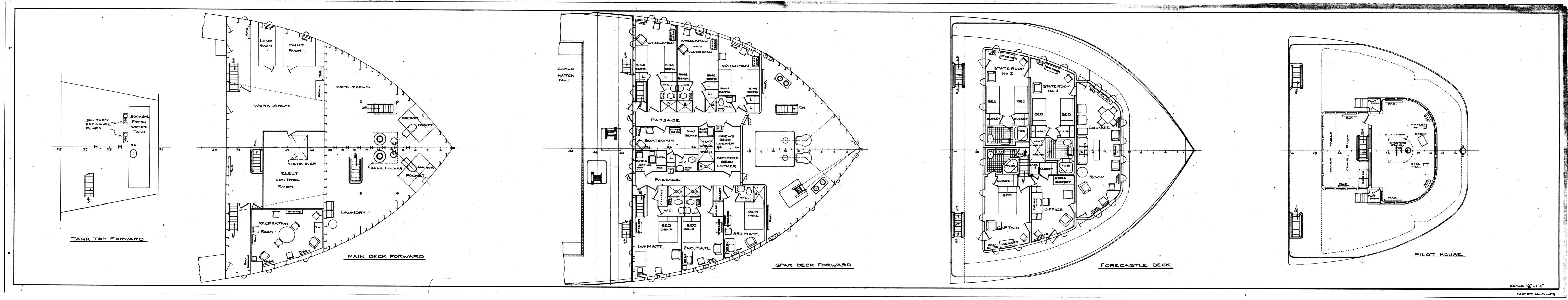
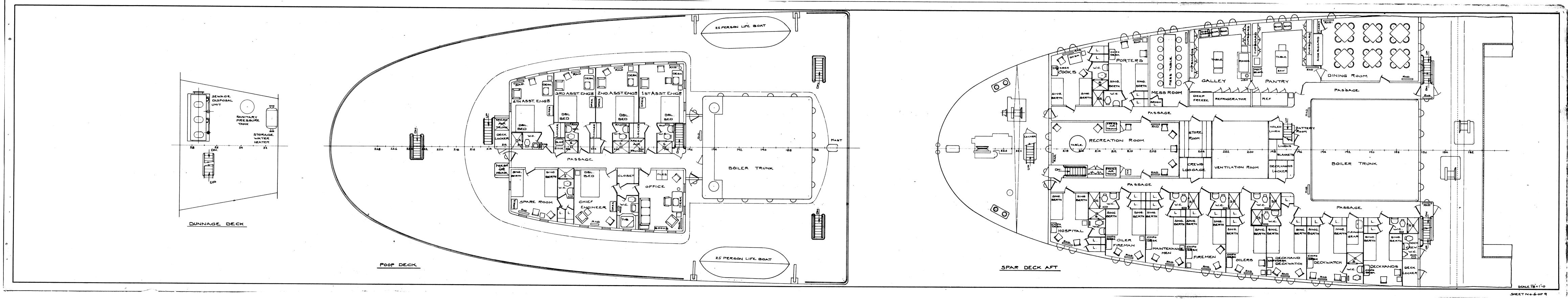
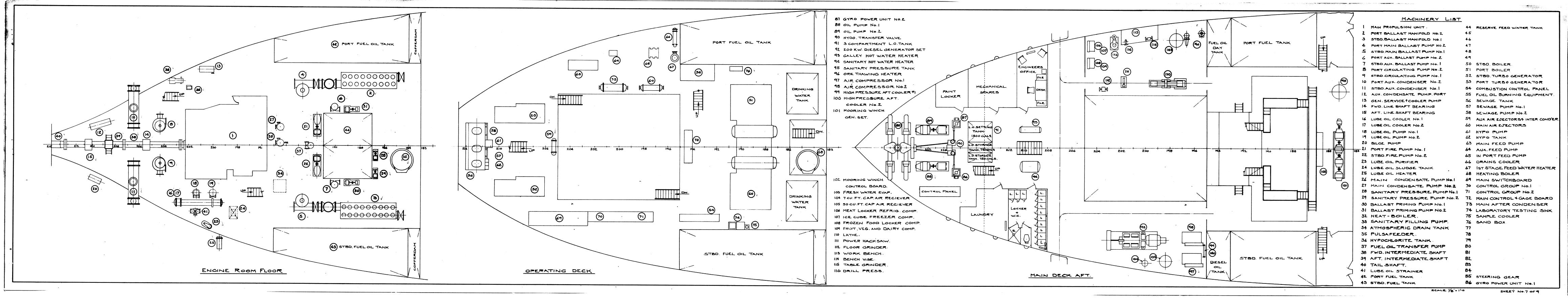
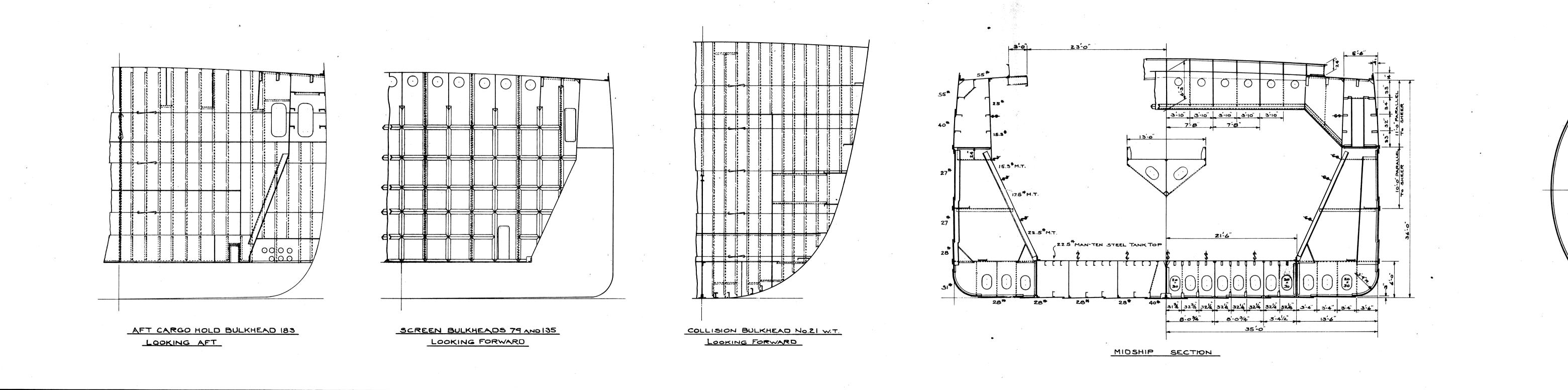


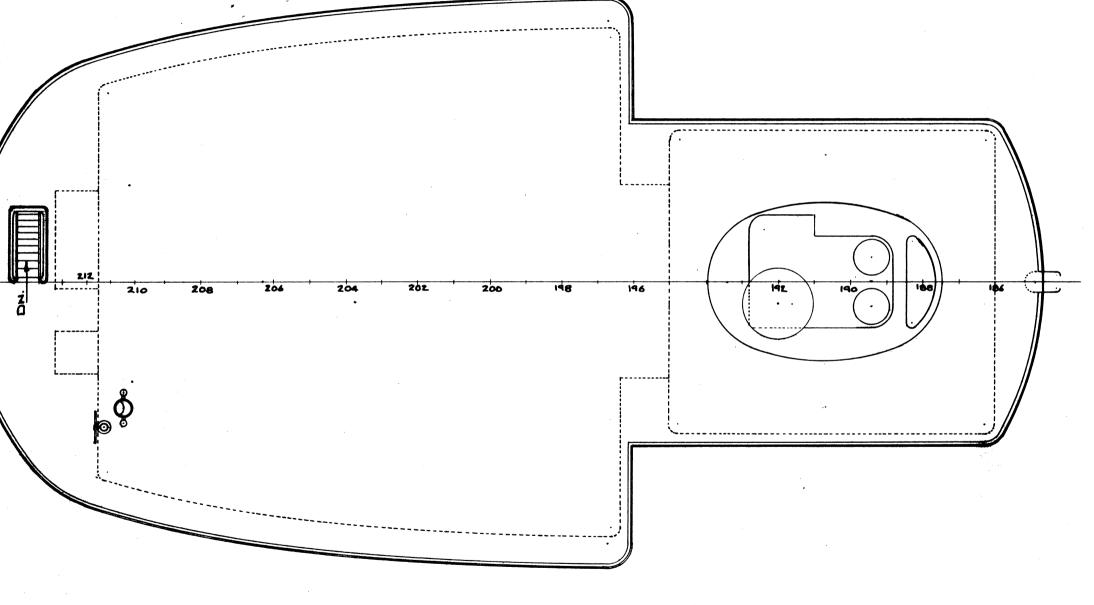
SHEET NO.4 OF 9











DECKHOUSE ROOF AFT

....CREWS LUGGAGE ROOM (SPAR DK. AFT.)

....SOILED LINEN ROOM (SPAR DK.AFT.)

.....CREWS DECK LOCKER (SPAR DK. FWD.)

....OFFICERS DECK LOCKER (SPAR DK. FWD.)

DECK LOCKER (SPAR DK. AFT.)

I....LINEN ROOM (SPAR DK. AFT.)

DECK LOCKER (POOP DK.)

..... BATTERY ROOM (SPAR DK.AFT.)

.....DINING ROOM (SPAR DK, AFT)

.....MESS ROOM (SPAR DK.AFT.)

L....CHIEF ENGINEER OFFICES (POOP DK.+ MAIN DK.AFT.)

2LAUNDRY ROOMS (MAIN DK.FWD.+ MAIN DKAFT)

I PANTRY (SPAR DK. AFT.)

1.....GALLEY (SPAR DK AFT.)

..... MATES OFFICE (SPAR DK. FWD.)

1....LAMP ROOM (MAIN DK. AFT.)

CAPTAIN'S OFFICE

STEAM TURBINE (GENERAL ELECTRIC)

PROPELLER R.P.M. NORMAL 108 MAX. 111.5

DOUBLE REDUCTION GEAR.

H.P. TURBINE R.P.M NORMAL 5980

L.P. TURBINE R.PM. NORMAL 4485

REDUCTION GEAR AND PINION DATA

H.P. PINION (PITCH CIRCLE) = 10"

L.P. PINION (PITCH CIRCLE) = 13.35

H.P. FIRST REDUCTION RATIO = 8.3

L.P. FIRST REDUCTION RATIO = 6.22

SECOND REDUCTION RATIO = 6.93

COOLING SURFACE SQ.FT. = 6500

STEAM CONDENSED ILB/HR = 50,000

COOLING WATER SUPPLY, G.P.M. = 8600

OPERATING STEAM PRESSURE PSIG = 180

COOLING WATER TEMPERATURE : 75

EJECTOR PERFORMANCE

CONDENSER PERFORMANCE

NUMBER OF WATER PASSES = 2

FIRST REDUCTION GEAR DIA .: 83.037"

LOW SPEED PINION DIA. = 21.067

MAX.7700

MAIN GEAR DIA.

7000 S.H.P. NORMAL RATING CROSS COMPOUND AND

SHAFT HORSE POWER (3650 H.P. AND 3350 L.P.) NORMAL RATING 7000 AND

ASTERN TURBINE DELIVER 2800 S.H.P. AT 54 PROPELLER REM

= 145 992

WITH NORMAL AHEAD FLOW AND INLET PRESSURE.

BALLAST TANK CAPACITIES TONS STBD SIDE + TONS PORT SIDE LONG TONS TONS STBD. SIDE TONS PORT SIDE LONGTONS TONS STBD. SIDE TONS PORT SIDE LONG TONS TONS STBD SIDE TONS PORT SIDE LONG TONS TONS STBD SIDE LONG TONS TONS PORT SIDE TONS STBD. SIDE TONS PORT SIDE LONG TONS LONG TONS TONS PORT SIDE TONS STED SIDE TONS PORT SIDE LONG TONS TANK CAPACITIES FUEL OIL TANK PORT SIDE 74,740 GALS FUEL OIL TANK STBD. SIDE 74,740 GALS FUEL OIL DAY TANK PORT SIDE 4,031 GALS DIESEL OIL TANK STBD. SIDE 4.031 GALS LUBE OIL SETTLING TANK 1.500 GALS LUBE OIL STORAGE TANK. -750 GALS LUBE OIL STORAGE TANK DRINKING WATER TANK FWD 5000GALS DRINKING WATER TANK PSIDE AFT 4.700 GALS DRINKING WATER TANK S.SIDE AFT ... 4,700 GALS RESERVE FEED WATER TANK 16,845 GALS.

CAPACITIES

EQUIPMENT DATA

> ONE 10,000 LB. STOCKLESS STERN ANCHORS 180 FATHOMS 23/8" DIA FORGED ALLOY STEEL STUD LINK CHAIN (FORWARD) 90 FATHOMS 23 DIA. CAST STEEL STUD LINK CHAIN. (AFT.) 300 FEET B'CIR. THREE STRAND NYLON LINE (FWD. TOW LINES) 120 FEET 8"CIR THREE STRAND NYLON LINE (AFT TOW LINES) 300 FEET 8"CIR. THREE STRAND MANILA LINE 6 MOORING LINES 1/8 DIA. GXIA GALV. IMPROVED PLOW STEEL WIRE ROPE, 500 FEET EACH (3000 FT.) 10 HEAVING LINES 14 CIR. BRAIDED LINE 100 FEET EACH (1000FT) STEERING GEAR (C.H. WHEELER MFG. CO. ELECTRO-HYDRAULIC. RAPSON SLIDE TYPE.) PROPELLER - FOUR BLADED SECTIONAL TYPE 17-6"DIA. (MANGANESE BRONZE) GENERATORS - TWO 400 K.W. GENERATORS, 450 VOLT, 3 PHASE, 60 CYCLE B POWER FACTOR (G.E.CORP) ONE DIESEL ENGINE DRIVEN 185 K.W. GENERATOR .450 V. 3PHASE GOCYCLE 8 POWER FACTOR. (G.E.CORP.) TWO 25 PERSON CAPACITY LIFE BOAT. ONE 18 PERSON CAPACITY LIFE RAFT. (CATAMARAN TYPE) 24 - 30" DIA, LIFE RING BUOYS. SZ CORK FILLED LIFE PRESERVER VESTS. RUDDER UNBALANCED CONTRA-GUIDE RUDDER (GOLDSCHMIDT TYPE) BILGE RADIUS = 3-9" BOILERS TWO FOSTER WHEELER BENT TUBE TYPE WATER TUBE TWO DRUM BOILERS. RATING NORMAL : 31,000 LBS. PER HR 39,000 LBS. PER HR. MAX, LOAD NORMAL LOAD STEAM PRESSURE AT SUPERHEATER OUTLET : 450 PS.G NORMAL LOAD STEAM TEMPERATURE AT SUPERHEATER OUTLET . 750 F.T.T = 290° F. NORMAL LOAD AIR TEMPERATURE FROM AIR HEATER

> > = 240° F.

TWO 12000 LB. STOCKLESS BOWER ANCHORS.

FEED WATER TEMPERATURE TO ECONOMIZER

HULL NUMBERS 867 AND 868

LENGTH OVERALL LENGTH BETWEEN PERPENDICULARS...629'-3" LENGTH ON KEEL ..620'-0" BREADTH MOLDED DEPTH MOLDED ... DESIGNED SUMMER DRAFT. SHEER FORWARD SHEER AFT LENGTH CARGO HOLD NO.1 .150-0 LENGTH CARGO HOLD No.2. 168-0 144-0 LENGTH CARGOHOLD No.3. CAMBER 16" IN 68-6" DEAD RISE : 3" TUMBLE HOME = 9"

PRINCIPAL DIMENSIONS

OFFICAL NO. . " GROSS TONNAGE : NET TONNAGE .